

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Sei KOJIMA, et al.

SERIAL NO: New Application

GAU:

FILED: Herewith

EXAMINER:

FOR: CONTROL APPARATUS AND METHOD FOR AUTOMATIC TRANSMISSION

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

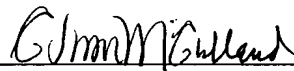
- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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DOCKET NO.: 246175US2

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TRANSMISSION

STATEMENT OF RELEVANCY

Reference AO (JP 2001-280485) on PTO Form 1449:

When it is determined that a cancellation condition for canceling a creeping force control is fulfilled, an apply force command value for a frictional element immediately after the cancellation condition is fulfilled is set based on a parameter value related to an input rotational speed of the automatic transmission when then cancellation condition is fulfilled. However, there is a problem that the hydraulic pressure which matches the command value is not an optimum hydraulic pressure when there is individual difference (deviation) of a hydraulic pressure control system (a linear solenoid, a return spring, and the like).

Reference AP (JP 2001-295921) on PTO Form 1449:

A control apparatus is provided, which sets an optimum feedback gain in a feedback control immediately after a cancellation condition for canceling a creeping force control in an automatic transmission is fulfilled, thereby preventing a slip and sudden application of a frictional element.

Reference AQ (JP 2001-295920) on PTO Form 1449:

A control apparatus is provided, which prevents a shock due to application of a frictional element when a cancellation condition for canceling a creeping force control in an automatic transmission is fulfilled, thereby improving driveability.

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 246175US2		SERIAL NO. New Application	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Sei KOJIMA, et al.			
				FILING DATE Herewith		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
	AO	2001-280485	10/10/2001	JAPAN (with English Abstract)		X	
	AP	2001-295921	10/26/2001	JAPAN (with English Abstract)		X	
	AQ	2001-295920	10/26/2001	JAPAN (with English Abstract)		X	
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							